Product Bulletin

ODYTHERM IF 550M

- Cleaning Product for All Materials -

The inhibitors used in **ODYTHERM IF 550M** protect system waterside surfaces through the adsorption of a monomolecular film which makes it possible to avoid any contact between the water and the metal surfaces of the system without impeding heat transfer.

ODYTHERM IF 550M is recommended for closed circuits containing all types of metals.

ODYTHERM IF 550M is a Clean-In-Place product. Its all-organic, dispersant enhanced formulation can clean the system's lines, with no need to add any additional products, shut down production, or drain and manually clean the circuit. The presence of a magnetic filter is a prerequisite.

ODYTHERM IF 550M can be left within the system as a preventive anticorrosion, antiscaling treatment or be switched for **ODYTHERM FS 510P** or **FS 500R** depending on the metalurgy of the system.

The product's bacteriostatic properties inhibit the development of microorganisms inside the system.

ODYTHERM IF 550M reduces servicing times, the need for supplies and product inventory, and simplifies monitoring of the water treatment program.

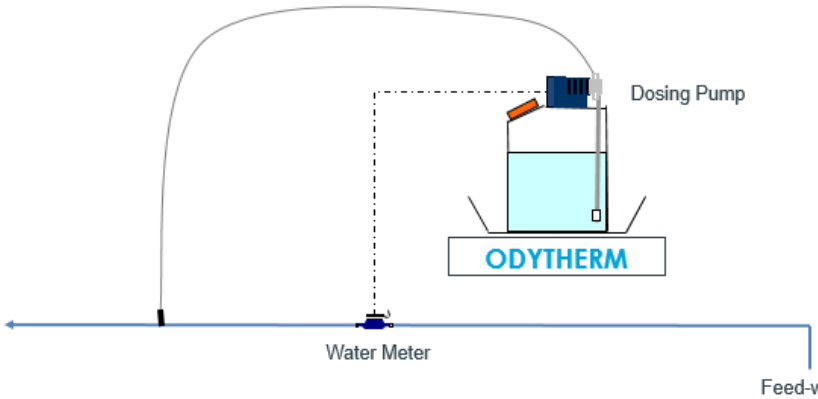
ODYTHERM IF 550M is a safe product, with low toxicity, that is easy to use and to monitor, and an effective alternative to traditional treatments for closed systems.

BENEFITS

- Reinforced cleaning effects
- Excellent protection against corrosion for all metals
- Improved heat transfer efficiency
- Competitive pricing, low dosages
- Easy-to-use, simple field test
- Biodegradable, low toxicity

SINGLE POINT OF INJECTION INTO THE MAKEUP WATER

It is recommended that Odytherm IF 550M be injected directly into the makeup water line.



GETTING STARTED WITH THE TREATMENT

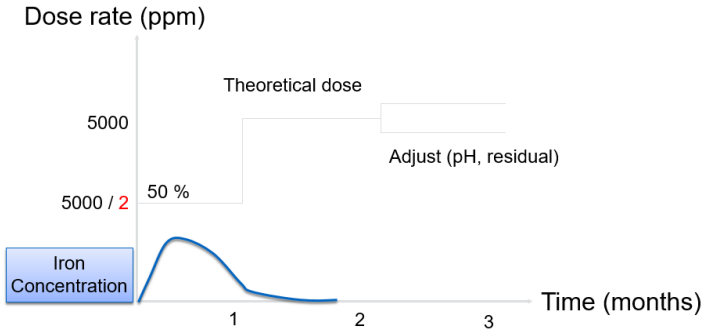


Figure 1: Dosage vs. Time – Cleaning Effect

- Adjust the treatment to the material balance
  - ✓ 2'000 – 5'000 ppm
- With the kit: check the residuals
  - ✓ Residual polyamines: > 0.1 ppm
- pH: 8.0 - 8.5

PHYSICAL PROPERTIES

Appearance	Liquid
Color	Slight orange
Odor	Faint organic
pH	8.5

STORAGE & HANDLING

The neat product is slightly alkaline. Use precautions when handling the chemical (gloves, goggles, etc.), as described in the Safety Data Sheet (SDS).

Store this product in a ventilated area at moderate temperatures (40 - 105°F). Protect from freezing.

Do not mix this product with other chemicals without checking with ODYSSEE Environnement first.

PACKAGING

ODYTHERM IF 550M is a liquid product that is sold in a variety of packaging containers.

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